

CERTIFICATE OF MAILING

I hereby certify that this paper along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Burton Rodney

Type or print name

ignature

Sale 26 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF

ART UNIT: 1626

TIMUR GUNGOR, ET AL.

EXAMINER: STOCKTON, LAURA LYNNE

APPLICATION NO: 10/775,742

FILED: 02/10/2004

FOR: NOVEL THIAZOLIDINE COMPOUNDS AS CALCIUM

SENSING RECEPTOR MODULATORS

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

DECLARATION OF HAO ZHANG

To the Commissioner for Patents and Trademarks:

HAO ZHANG DECLARES AS FOLLOWS:

- 1. He has a Master's degree and is a chemist specializing in preparation of organic compounds.
- 2. He was employed in the above capacity at Bristol-Myers Squibb Company for more than 9 years.
- 3. He is familiar with the laboratory experiments carried out by Ying Chen concerning preparation of chemical compounds.

CASE: LA0112 NP

4. He signed as a witness laboratory notebook entries made by Ying Chen in Notebook No. 48255, pages 101, 102, 103, 104, 105 and 108 (ATTACHMENT C, cover page, and ATTACHMENTS D, E, F, G, H and I', respectively).

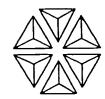
- 5. All of the above notebook pages were signed by Ying Chen prior to October 22, 2001.
 - 6. All of the above notebook pages were witnessed by him prior to October 22, 2001.
- 7. He is not an inventor of the subject matter claimed in U.S. Application Serial No. 10/775,742.
- 8. The undersigned declares further that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of application Serial No. 10/755,742 or any patent issued thereon.

Date:

9/25/56

HAO ZHANG

PROPERTY OF BRISTOL-MYERS SQUIBB PHARMACEUTICAL RESEARCH INSTITUTE



BRISTOL-MYERS SQUIBB

NOTEBOOK N_{0} . 48255

This notebook cannot be transferred to another person

Pages Completed from ______ to _____

Continued from Notebook Number_____

Continued in Notebook Number_____

ATTACHMENT C

ATTACHMENT D

DATE PAGLINO. OPEN ENTINO. SUBJECT SUBJECT SUBJECT SUBJECT SUBJECT A 1255-701-27 AL 3 HL (BH) 5 PM CHILL 10 PM TO C Salitan of 48255-101-27 in CALL CM - 10 in, a salution of as IN. HL (BH) 5 PM CHILL 10 PM HA CHILL 10 PM HA CHILL 10 PM HA CHILL 10 PM A 1253-101-27 in CALL CM - 10 in, a salution of as IN. HA CHILL 10 PM HA CHILL 10 PM HA CHILL 10 PM A 1253-101-27 in CALL CM - 10 in, a salution of as IN. HILL 10 PM HA CHILL 10 PM TO SALUTION OF SOLUTION OF SOLUT	No. 48255-102	BRISTOL-MYERS SQUIBB PHARMACEUTICAL RESEARCH INSTITU
SSECT SUBJECT SPEST-201-27 AL 3 HU (AN) 5N CHUN 10 M TO a soldien of 4825-101-27 in CHU at -10°C, a soldien of an N In distant the added chapters (a let o) habbe) The reaction Lets shows Ut -10°C for some. Here the everpoint of a received print Held for habity. The read of solution to remark the T. Improduce the other habity. The read of solution to remark the T. Improduce to this that to great a solvent of 443 Common the solvent of the solv	DATE: PRO	J. NO EXPT. NO
5 A8255-101-27 AL 3 HLL (BH) 5 M CHILL 10 M TO a Soldier of 48255-101-27 is CML at -10°C, a soldier of arm. To a soldier his abled displain (a let of hable) The water with a little of the soldier o		
5 A8255-101-27 AL 3 HLL (BH) 5 M CHILL 10 M TO a Soldier of 48255-101-27 is CML at -10°C, a soldier of arm. To a soldier his abled displain (a let of hable) The water with a little of the soldier o		
5 A8255-101-27 AL 3 HLL (BH) 5 M CHILL 10 M TO a Soldier of 48255-101-27 is CML at -10°C, a soldier of arm. To a soldier his abled displain (a let of hable) The water with a little of the soldier o	<u> </u>	
5 A8255-101-27 AL 3 HLL (BH) 5 M CHILL 10 M TO a Soldier of 48255-101-27 is CML at -10°C, a soldier of arm. To a soldier his abled displain (a let of hable) The water with a little of the soldier o	- Julyan	
Hel (AH) CHUL 10 Al To a soldier of 48255-101-27 is CMU at -10 i., a soldier of an in diverse to added displant (a let o) hills). The results with a street of soldier to -10 i. for 30 min. He has estimated by a vicuum plan told and keating. The read of solution as unued to k7. Traporation by its interest fact to give a yellow oil. 4.49 If IST -657 4K 15 CC-h5 Mf13-18f HUMP RQ 21835. 7K27U1 M-1-263 9 20 20 DATE WITNESSED AND "GENTION BY		4
Hel (AH) CHUL 10 Al To a soldier of 48255-101-27 is CMU at -10 i., a soldier of an in diverse to added displant (a let o) hills). The results with a street of soldier to -10 i. for 30 min. He has estimated by a vicuum plan told and keating. The read of solution as unued to k7. Traporation by its interest fact to give a yellow oil. 4.49 If IST -657 4K 15 CC-h5 Mf13-18f HUMP RQ 21835. 7K27U1 M-1-263 9 20 20 DATE WITNESSED AND "GENTION BY	- CO255	7)
CHULL TO a Soldier of AB255-101-27 in CMU at -10°C, a soldier of as me distant to achieve displayer. (a lot of bubble) The reaction to the street of -10°C for 30 min. All no emporation by a vacuum pass, but and keeping The read of solution is answer to K7 Emporation by What had to gar a goldon oil. 4.49 If IT -10°C +18 M = 188 HINDER para consolat. "(HIMPE PRO 21835. 7K2711) M-1 = 263 9 20 20 DATE WITNESSED AND MORRITOOD BY ASSESSED BY ASSESSED AND MORRITOOD BY ASSESSED BY ASS		
To a solition of 48255-101-27 is CMM at -10°C, a solition of an including the added displace. (a let a) bubble.) The reaction who strong the solition to -10°C for 30 min. Here is estimated by a vacuum property field out Restry. The read of solution to unual to KT largeration to without furt to give a yellow oil. 4.49 If the property field to give a yellow oil. 4.49 If the property field to give a yellow oil. A field to the property field to give a yellow oil. A field to give a ye		
in diam to acled despire (a let a) habble) The reading who diam it -1. (for 30 min. His hos evaporated by a vacuum pain bothout Resting. The read of Solution to mount & 17. traperation bothout Resting. The read of Solution to mount & 17. traperation bothout Resting. The read of Solution to mount & 17. If I CC-MS MPW = 188 (HIST - COT - VE (HIST MPW = 12835. 7K27W] M-1 = 263.9 20 Early Har. 25 SM = 111 30 DATE WITNESSED AND MINOSEND	Chyl.	10 M
in diam to acled despire (a let a) habble) The reading who diam it -1. (for 30 min. His hos evaporated by a vacuum pain bothout Resting. The read of Solution to mount & 17. traperation bothout Resting. The read of Solution to mount & 17. traperation bothout Resting. The read of Solution to mount & 17. If I CC-MS MPW = 188 (HIST - COT - VE (HIST MPW = 12835. 7K27W] M-1 = 263.9 20 Early Har. 25 SM = 111 30 DATE WITNESSED AND MINOSEND		
poto stand it - 10°C for 30 min. Her has estiparated by a vacuum parameter bed without kesting. The read of Solution his remark to KT largerithm be rither feet to gain a gellow oil 4.49 LETIST-1007 TK LETIST-1007 TK HUBB from consolat. CHMP RQ 21831. 7K2703 f M-1 = 263.9 20 20 20 20 20 20 20 20 20 2	To a sol	below of 4825-101-27 in CAU at -10c, a solution of as the
DATE WITNESSED AND WITNESSED AND JEST - 102 + 1/4 LC - Ms MPW = 188 HIN MR Jest Consolidat O(4 Mpc RQ 12835 7 K27128 M - 1 - 263.8 20 21 25 SM DATE WITNESSED AND HINDER MITNESSED AND HINDER WITNESSED AND HINDER WITNESSED AND HINDER MITNESSED AND HINDER WITNESSED AND HINDER MITNESSED AND HINDE	10 in diesen	bb added dropwin (a lot o) bubbles) The reaction
DATE WITNESSED AND WITNESSED AND JEST - 102 + 1/4 LC - Ms MPW = 188 HIN MR Jest Consolidat O(4 Mpc RQ 12835 7 K27128 M - 1 - 263.8 20 21 25 SM DATE WITNESSED AND HINDER MITNESSED AND HINDER WITNESSED AND HINDER WITNESSED AND HINDER MITNESSED AND HINDER WITNESSED AND HINDER MITNESSED AND HINDE	who slined	ct -10°C for 30 ma, fell was evaporated by a vaccium plan
DATE WITNESSED AND WITNESSED AND JEST - 102 + 1/4 LC - Ms MPW = 188 HIN MR Jest Consolidat O(4 Mpc RQ 12835 7 K27128 M - 1 - 263.8 20 21 25 SM DATE WITNESSED AND HINDER MITNESSED AND HINDER WITNESSED AND HINDER WITNESSED AND HINDER MITNESSED AND HINDER WITNESSED AND HINDER MITNESSED AND HINDE	bid out kear	iting The rost of solution his would to RT. Evaporation
20 20 20 20 20 20 20 20 20 20	to ritlest	heat to gove a yellow oil 4.49
HUMR RQ 22835. 7K27V1 M-1 = 263.9 20 25 35 35 Barrier Mark Barrie		
HUMR RQ 22835. 7K27V1 M-1 = 263.9 20 25 35 35 Barrier Mark Barrie	15	CC-hs Mer3=188
20 20 20 20 20 20 20 20 20 20		(HUMR were consistent.
25 SM FOR STORE DATE SIGNED DATE WITNESSED AND INCOMESSED		"CH MP
25 SM ECULFILION INSTITUTE STATE OF THE S		RQ 22935. 7K27235 M-1-263.9
25 SM ECULFILION INSTITUTE STATE OF THE S		
25 SM DATE WITNESSED AND 113-95 MILE MILE	20	
25 SM DATE WITNESSED AND 113-95 MILE MILE		
25 SM DATE WITNESSED AND 113-95 MILE MILE		
25 SM DATE WITNESSED AND 113-95 MILE MILE		C:\CLASS-VP.CHS 24.07026.004
25 SM Final 1 100 and	7	Gealty 1107 Instrument - HPN-L144-LCHST
30 DATE WITNESSED AND INDEED DATE WITNESSED AND INDEED DATE WITNESSED AND INDEED DATE	25 6 1	Well = 192 Start 9 0 Final 0 - 100
35 SIGNED DATE WITNESSED AND INDERSTOOD BY:		Flow Farts - 4 ml/min 10 ml 10
35 DATE WITNESSED AND INDERSTOOD BY: WITNESSED AND INDERSTOOD B		
35 DATE WITNESSED AND INDERSTOOD BY: WITNESSED AND INDERSTOOD B		a Custo - Company the American Company to Co
35 DATE WITNESSED AND INDERSTOOD BY: WITNESSED AND INDERSTOOD B		
35 DATE WITNESSED AND INDERSTOOD BY: WITNESSED AND INDERSTOOD B		
35 DATE WITNESSED AND INDEX DOTE WITNESSED AND INDEX SIGNED OF THE	30	
35 DATE WITNESSED AND INDEX DOTE WITNESSED AND INDEX SIGNED OF THE		4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
35 SIGNED DATF WITNESSED AND INDERSTOOD BY:		Peak Area Area June Lines
35 SIGNED DATF WITNESSED AND INDERSTOOD BY:	<u> </u>	1
SIGNED TATE WITNESSED AND INCOME BY:		Tenate 1 122005 Transport
TIM DERSTOOD BY:	35	
TIM DERSTOOD BY:		
	SIGNED	

CROSS REFERENCES:

DO NOT WRITE IN THIS MARGIN

ATTACHMENT

1 4 0 .	48255-104	BRISTOL-N	YERS SQUIBB PHARMACEUTI	CAL RESEARCH INSTI
DATE!	· · · · · · · · · · · · · · · · · · ·	PROJ. NO. 08067	EXPT. NO	
SUBJEC.	т			
		- M		
	5		in-lanxi	J.O.
			sy in	
	- //			
5	48255-	·	2.17 mml	
	a mine	432 mg	2.17 mmd	
	71 .	+ 1	2) - 8	at s.
	Ine m	ishum of 48255 -1-3-	-23 and amore in heated 6. Though no openion a left. 7	1 h
10			performed by flish chrone	
	<i>y</i> ∧, Ł	buded sout crisis, el	ated with 3% mean in count of a	NAUSA.
			and evaporated to give a	chiles cit.
		1865-100-16		
	K6	223057 BMS-53		
15		ms (TR27384) m.	+1 = 431	
		111/11/1k her con	sistert.	
		13 COMP	·	
	Adulytical HPLC Rep	port SS-VP\CHRCM\0712d.001		
20	instrum	-7:24:31. 		
	Start V	1 5 - 0 1 5 - 100 nt Time - 8 min		
	Mavelen Solvent	ate - 2.5 ml/min ngth - 220 t A - 10% MeOH - 90% H20 - 0.2% H3PO4 t B = 90% MeOH - 10% H2O - 0.2% H3PG4		· ·
	Column 48255-2	1 : Zortax SB-Cla 4.6MM ID X 75MM (8 MIN		<u> </u>
	. 3. 4			•
25			<u> </u>	
				<u> </u>
	Channel A Regults	. Area 9 Pleces —		
	· · · · · · · · · · · · · · · · · · ·	Area Area Placas —		
30	Tabala (Tabala)	31362 8.398 71977	/	
		_ ;		
			/	
				· ·
35				
SIGNED		DATE	WITNESSED AND /	
	/m/ 1	_ ' - '	UNDERSTOOD BY:	
	7			V 1659 1

DATE:	RS SQUIBB PHARMACEUTICAL RESEARCH INSTITUTE No. 48255-10	5
SUBJECT	EXPT. NOEXPT. NO	_
		-
		=
	Ly- VMX (30)	_
	John H on	_
5	4825J-106-14 803 mg	_
	HU in dioxane 20 ml	-
	74F 10M	-
		-
10	To a solution of 48255-104-14 in 744 at k1 per added 4NHL	_
10	in clience. The reaction was stoned at RT for 24 hr.	_
	Ther evaporated to dryrens. The residue was dissolved in Sch's Names, Easter	-
	has added and she organic lose so worked with both and died over mysey waspordium your a pale-yellow oil.	-
	4825. 105-14	-
5	1 A AM is	-
	12C NMR Were consistent, RQ	-
		-
	Audytical TPLC Report File Supple 10: CryClass-vPlCHROM\0733e.803	
0	File Dealt 11, 2001 09:13:27	
	Start 8 p. o and vol 10 uL	-
<u> </u>	100 The Flance Amin	
	100 ARC = 4 m/sm 100 ARC = 4 m/sm 100 ARC = 100 AR	
	bel comment of the co	
5		
· · · · · · · · · · · · · · · · · · ·		
 	Area	
)	3271329 100,000	
 		
GNED	DATE , WITNESSED AND	
· Yo	UNDERSTOOD BY:	
OSS REFERENCES:		
	ATTACHMENTH	

1

1/1

This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:
BLACK BORDERS
☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
☐ FADED TEXT OR DRAWING
☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
☐ SKEWED/SLANTED IMAGES
☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
☐ GRAY SCALE DOCUMENTS
☐ LINES OR MARKS ON ORIGINAL DOCUMENT
☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
OTHER.

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.